

FIG. 1

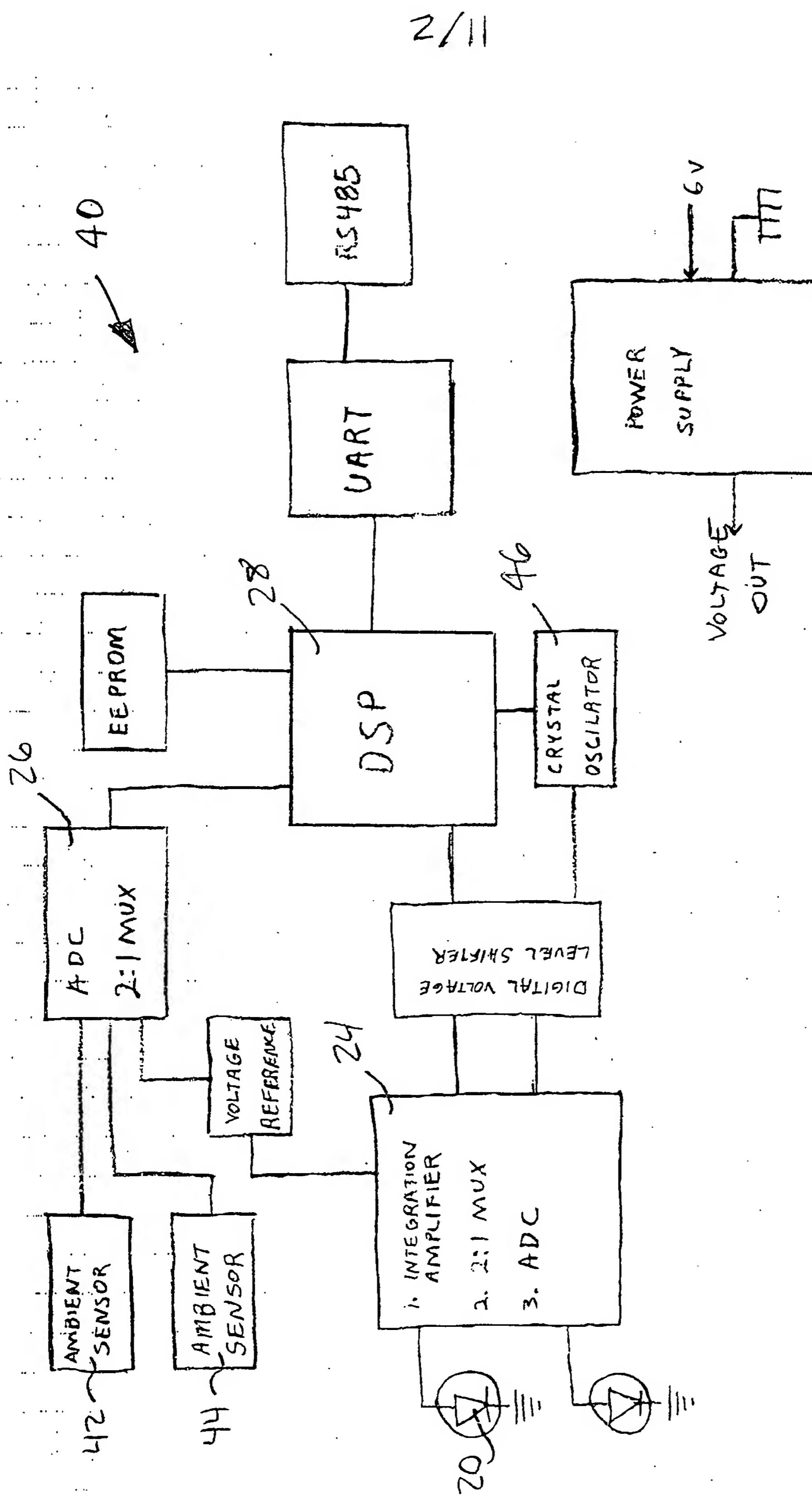


FIG. 2

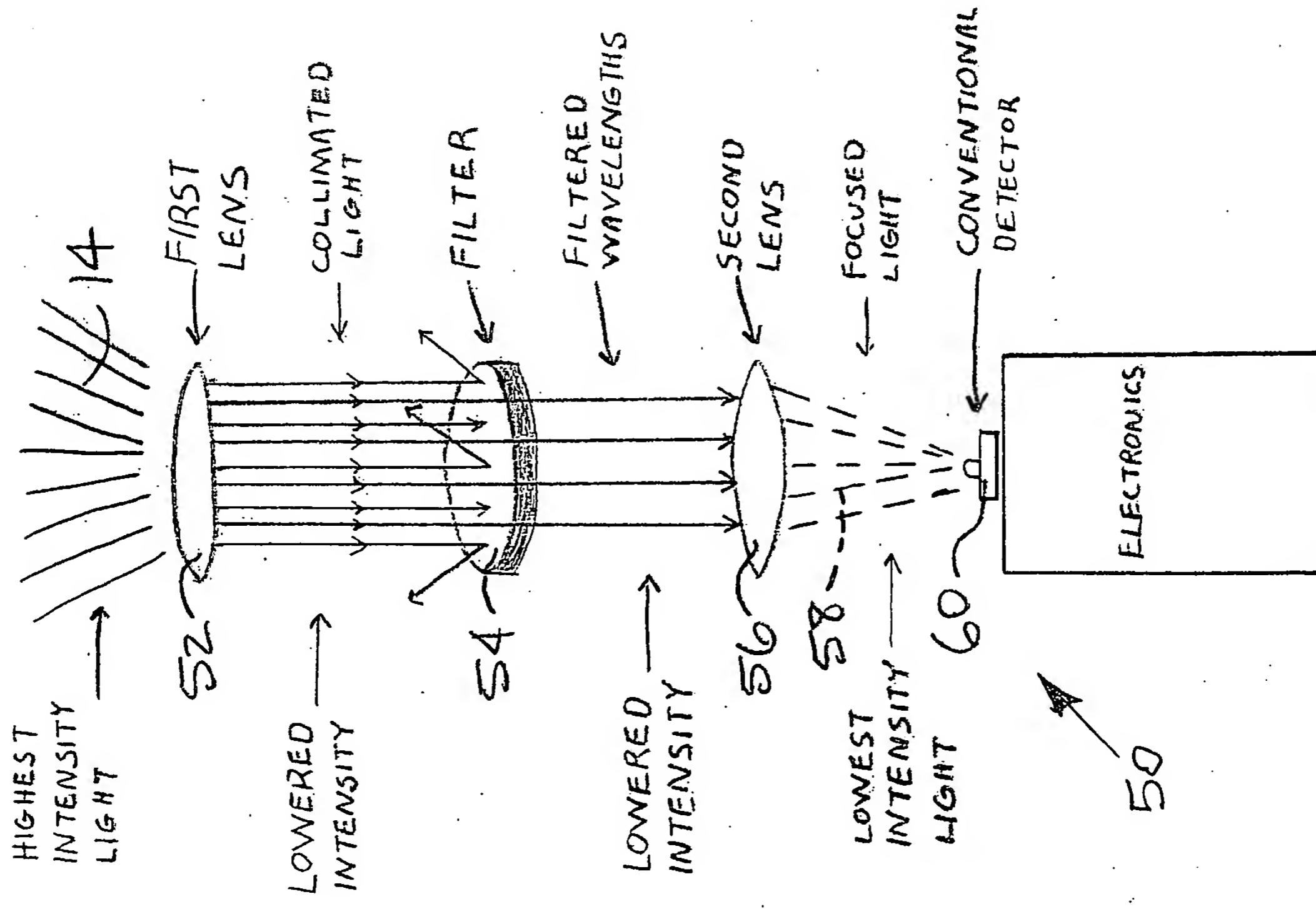


FIG. 3 (PRIOR ART)

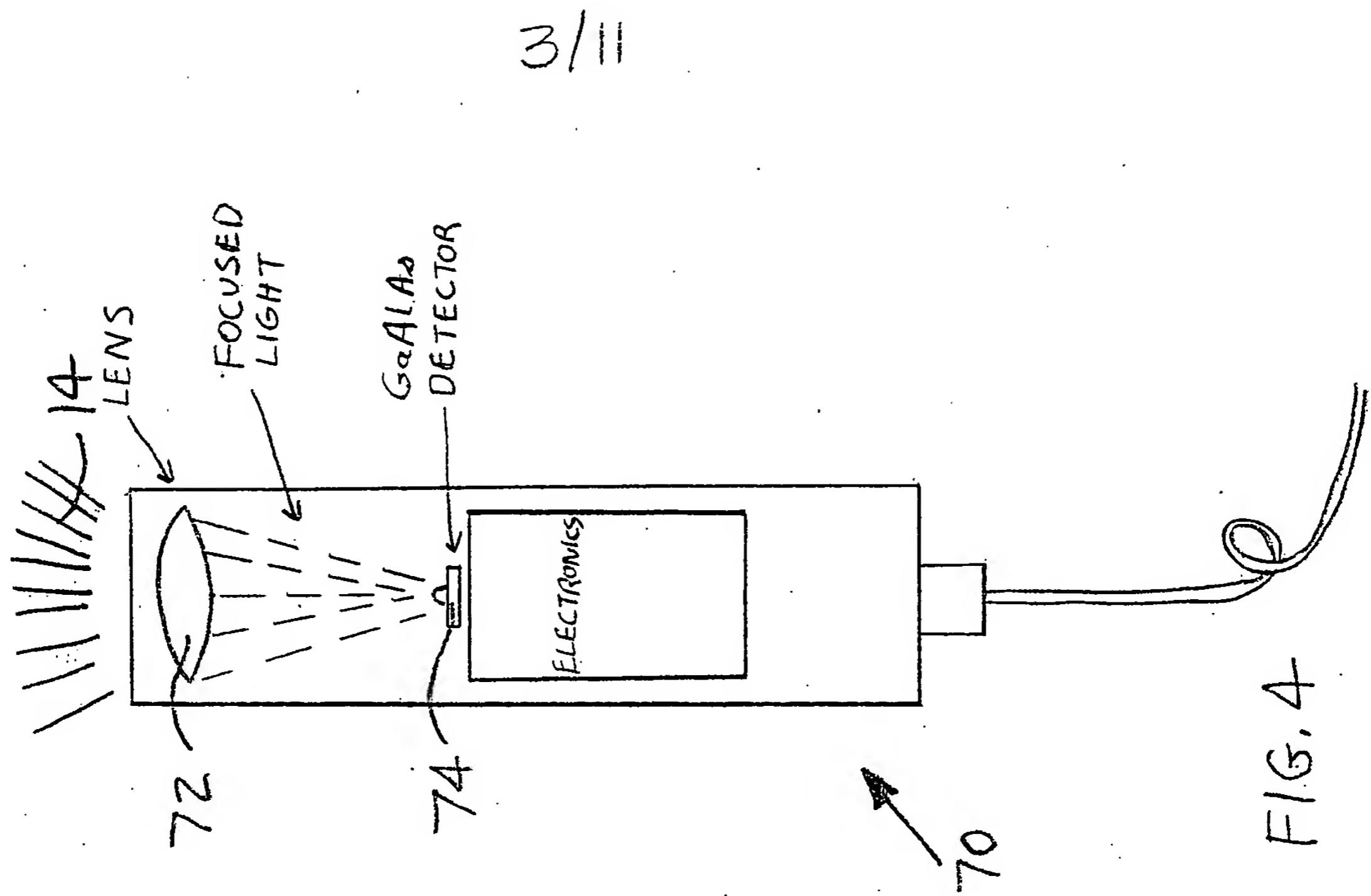
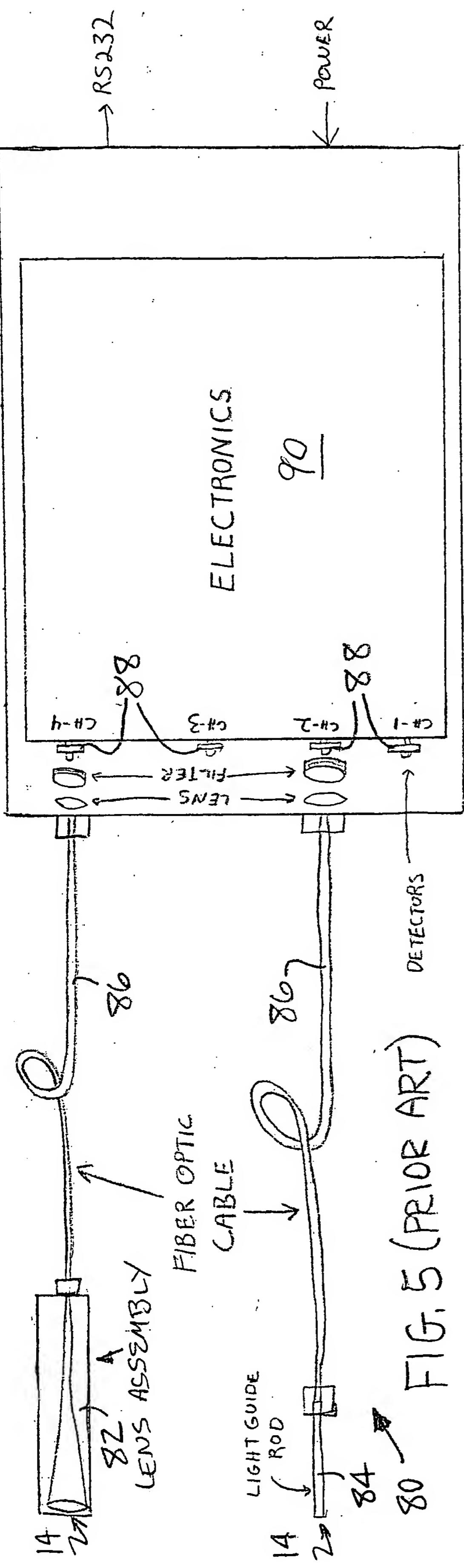


FIG. 4



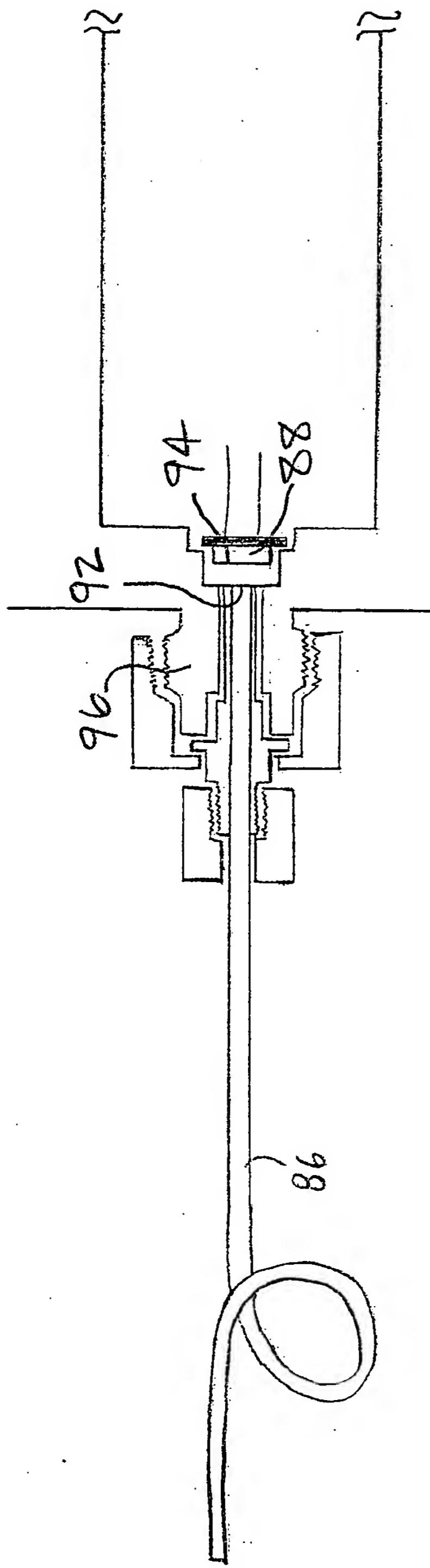


FIG. 7 (PRIOR ART)

5V
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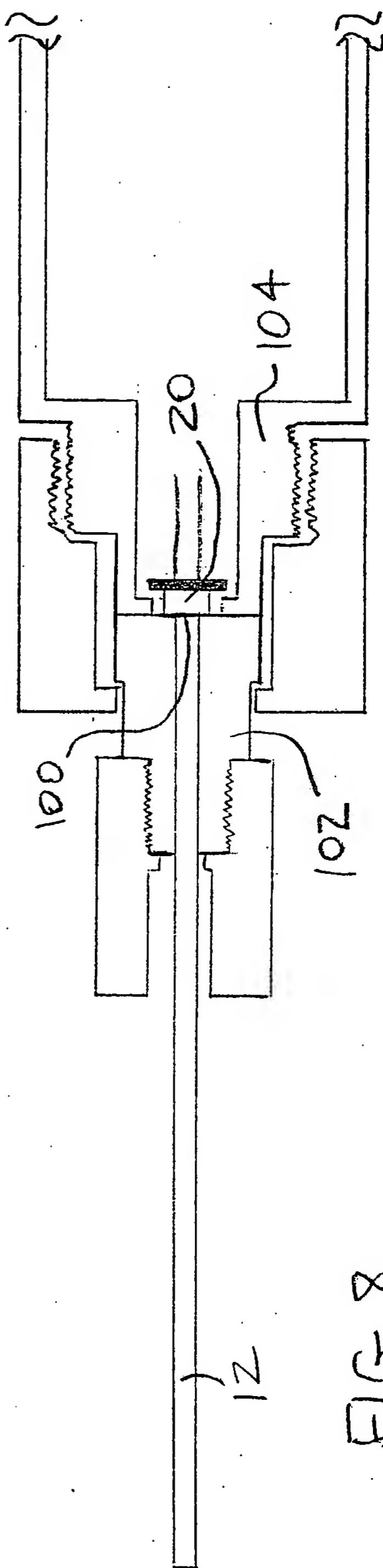
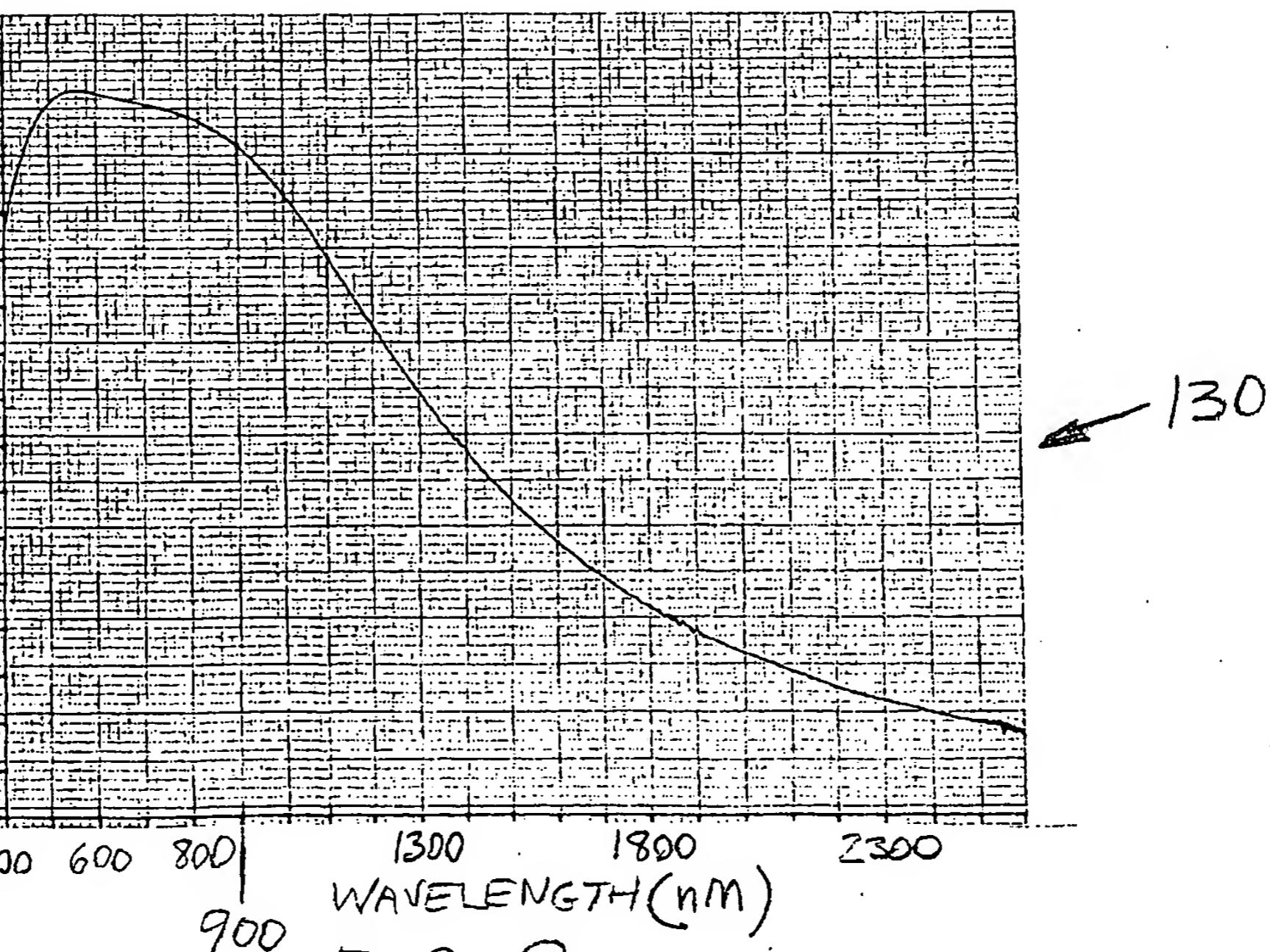
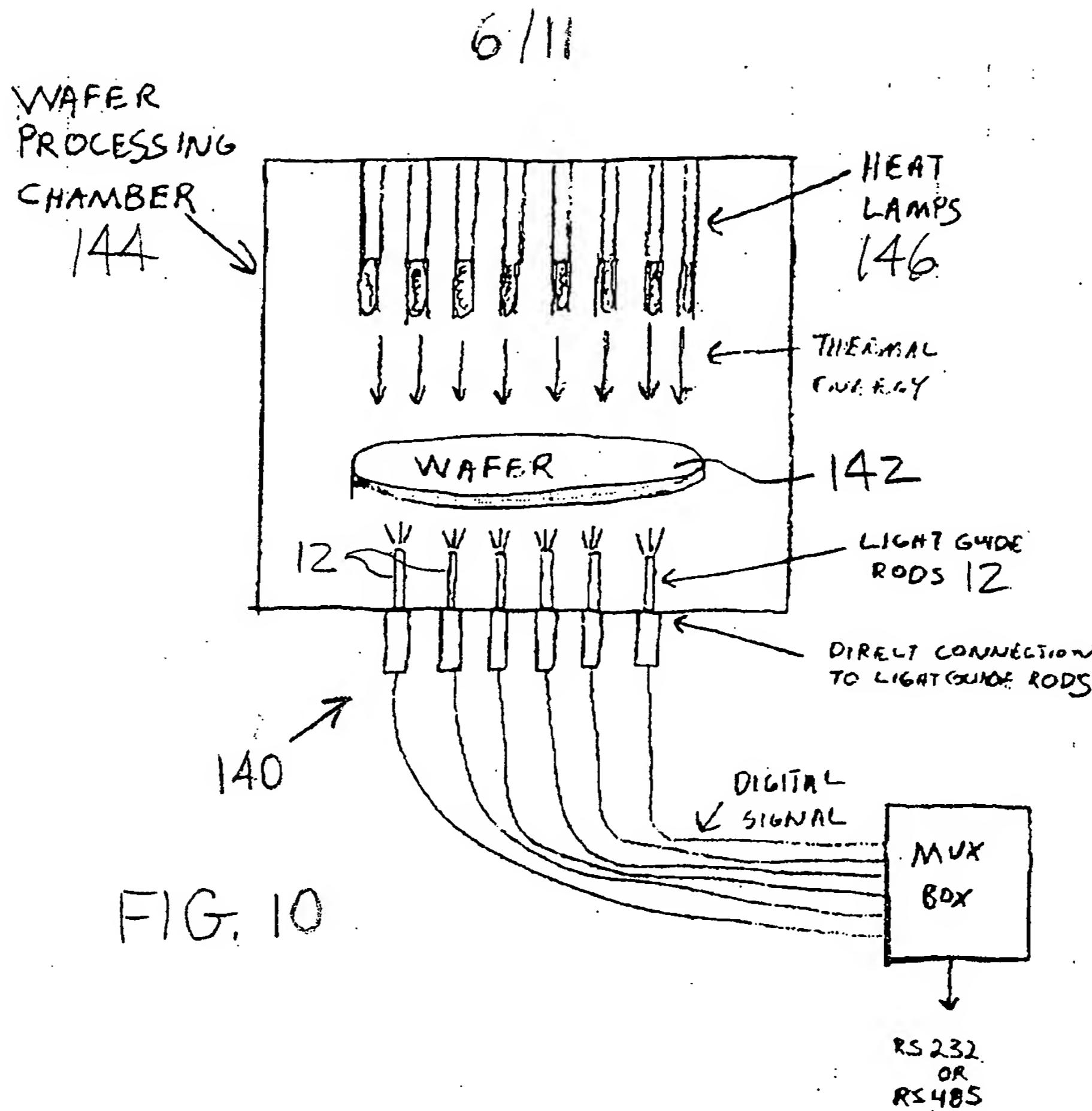


FIG. 8



Wavelength μm

4
3.6
3.2
2.8
2.4
2
1.6
1.2
1.0
0.8

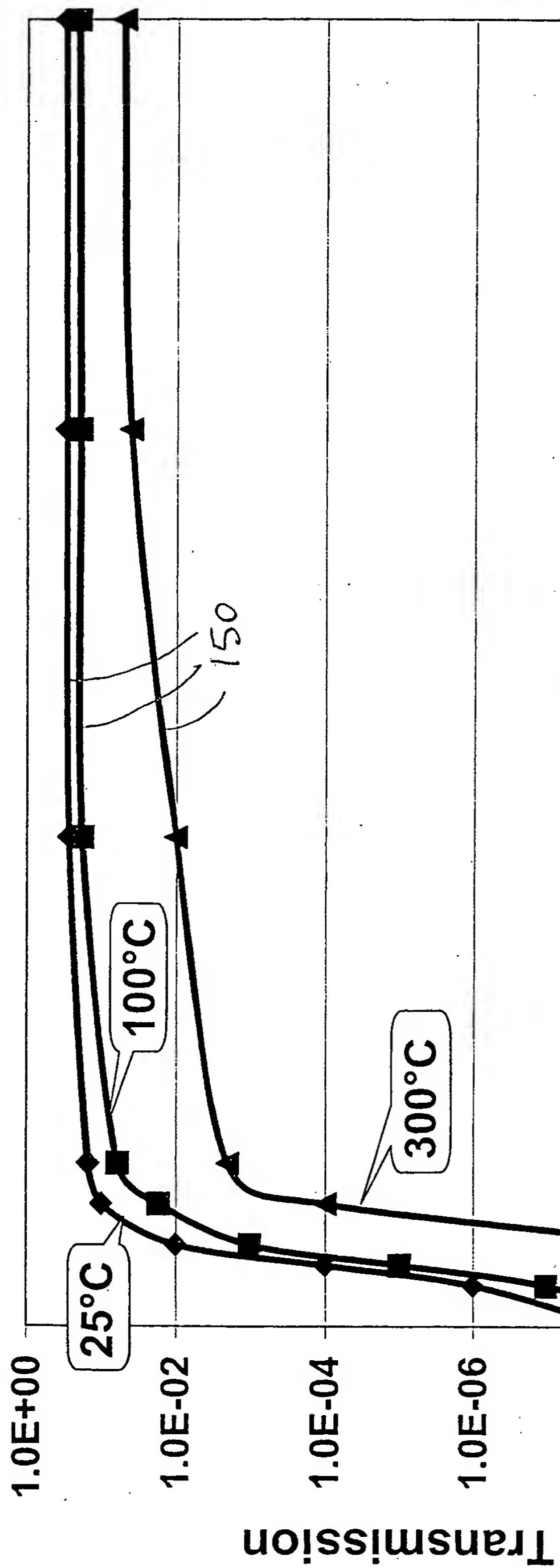


FIG. 1

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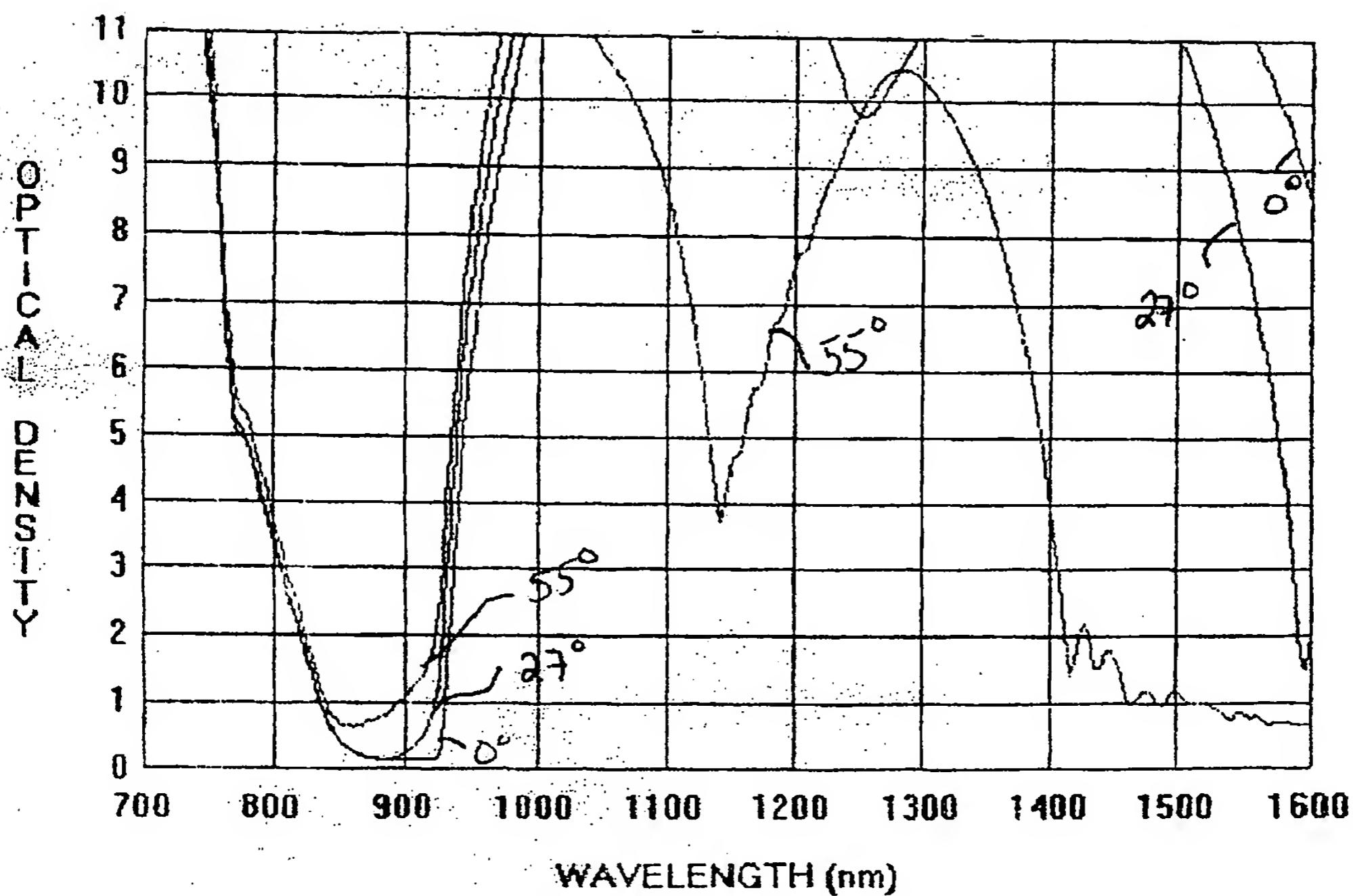


FIG. 12A

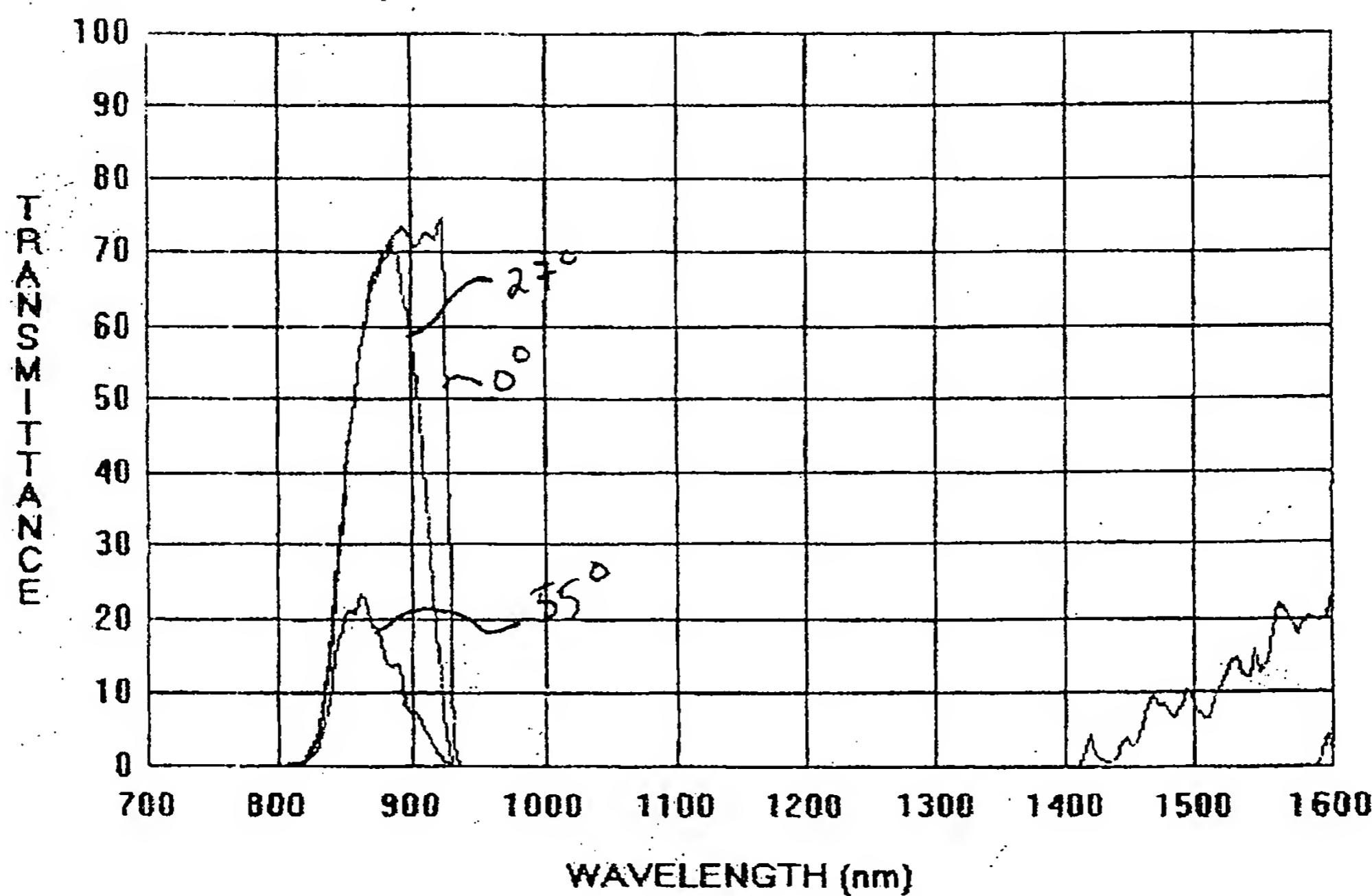


FIG. 12B

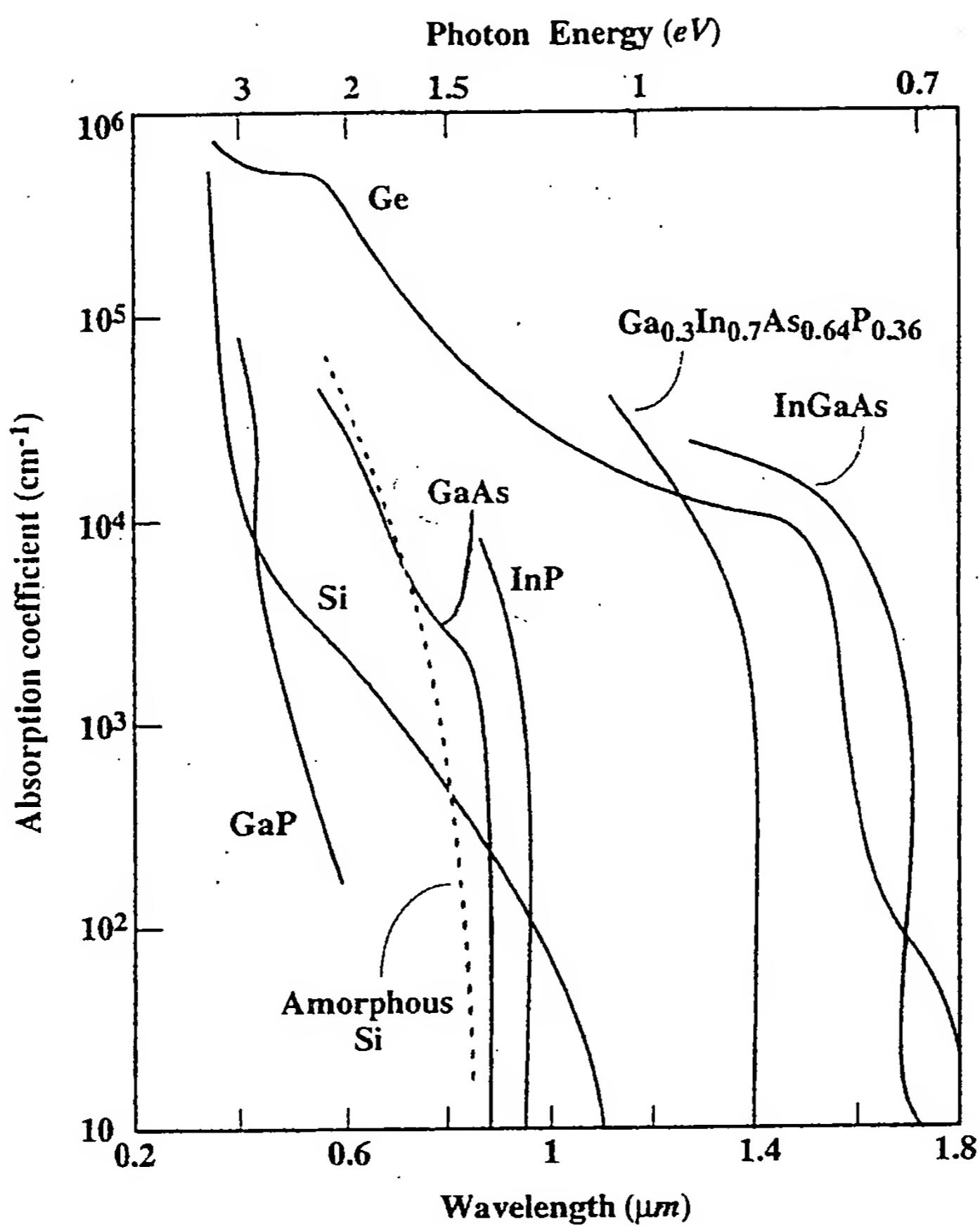


FIG. 13

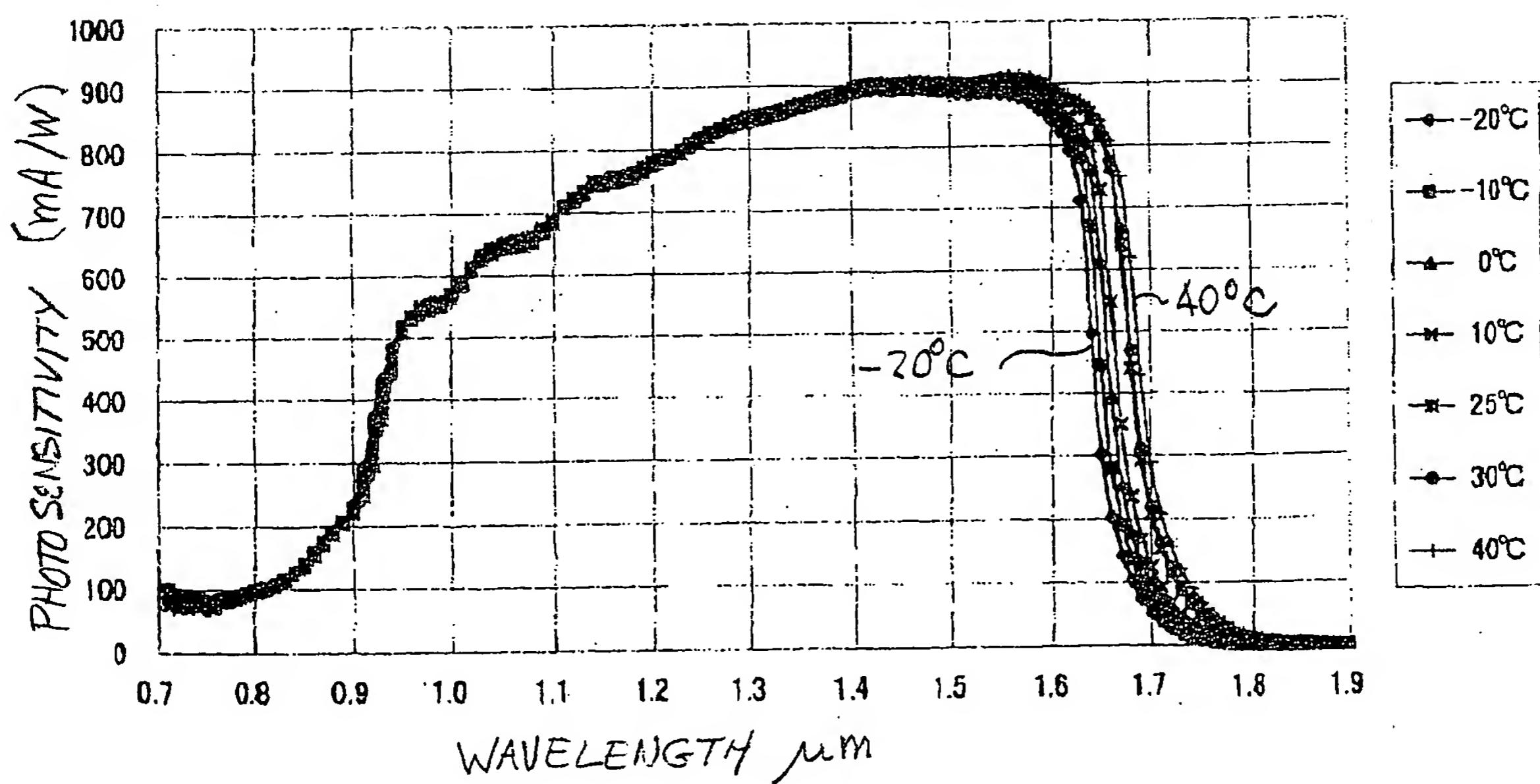


FIG. 15

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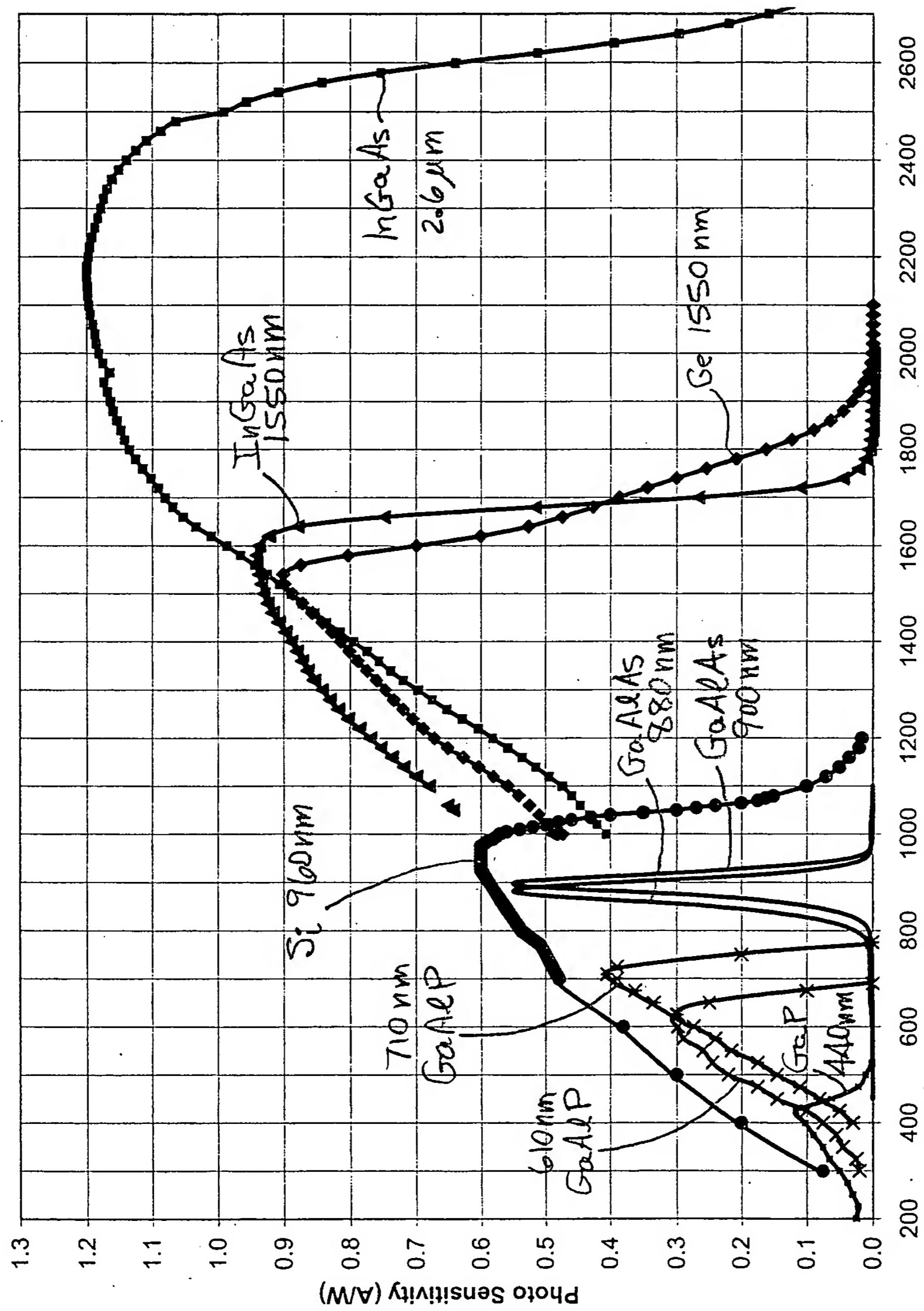


FIG. 14

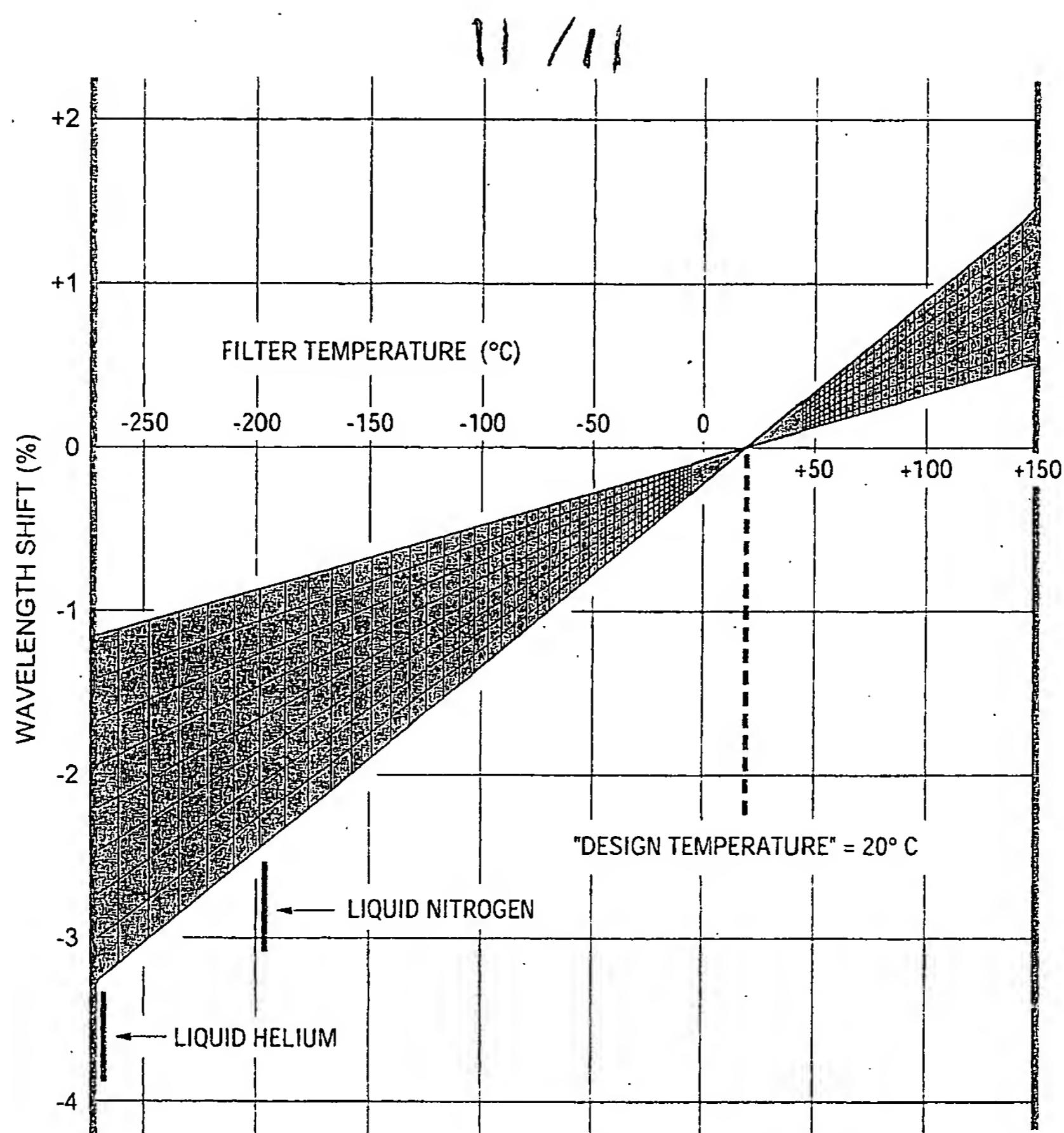


FIG. 16